

LABOR SERVICES DIVISION[875]

Adopted and Filed

Pursuant to the authority of Iowa Code section 89.14, the Boiler and Pressure Vessel Board hereby amends Chapter 90, “Administration of the Boiler and Pressure Vessel Program,” and Chapter 91, “General Requirements for All Objects,” Iowa Administrative Code.

Pursuant to Iowa Code subsection 89.14(7), every three years the Boiler and Pressure Vessel Board reviews all administrative rules adopted by the Board. Most of the items in this rule making are a result of that review.

The purposes of these amendments are to make the rules more current, improve record keeping to make sure that repairs are performed safely, make the rules clearer, protect the safety of the public, and implement legislative intent. Adopting rules that are consistent with current industry standards allows installation of the most recent technologies in Iowa.

Notice of Intended Action was published in the December 24, 2014, Iowa Administrative Bulletin as **ARC 1798C**. No public comment was received on the proposed amendments.

In Items 6 to 9, dates were changed to reflect the effective date of the amendments.

After analysis and review of this rule making, no impact on jobs has been found.

These amendments are intended to implement Iowa Code chapter 89.

These amendments shall become effective on May 20, 2015.

The following amendments are adopted.

ITEM 1. Rescind the definitions of “Blowoff valve” and “Reinstalled boiler or pressure vessel” in rule **875—90.2(89,261,252J,272D)**.

ITEM 2. Adopt the following new definition of “Reinstallation” in rule **875—90.2(89,261,252J,272D)**:

“*Reinstallation*” means the process of disconnecting an object, moving it, and reconnecting it at the same location or a new location.

ITEM 3. Amend subrule 90.6(1) as follows:

90.6(1) General. All boilers and unfired steam pressure vessels covered by Iowa Code chapter 89 shall be inspected according to the requirements of the National Board Inspection Code ~~(2011)~~ (2013), which is hereby adopted by reference. A division inspector or special inspector must perform the inspections.

ITEM 4. Amend rule 875—90.8(89) as follows:

875—90.8(89) Certificate. No boiler or pressure vessel shall be operated without a current, valid certificate to operate. A certificate to operate shall not be issued until the boiler or pressure vessel is in compliance with the applicable rules and all fees have been paid. The current certificate to operate or a copy of the current certificate to operate shall be conspicuously posted in the room where the object is installed.

ITEM 5. Amend subrule 91.1(1), introductory paragraph, as follows:

91.1(1) ASME boiler and pressure vessel codes adopted by reference. The ASME Boiler and Pressure Vessel Code ~~(2010 with 2011a addenda)~~ (2013) is adopted by reference. Regulated objects shall be designed and constructed in accordance with the ASME Boiler and Pressure Vessel Code ~~(2010 with 2011a addenda)~~ (2013) except for objects that meet one of the following criteria:

ITEM 6. Amend subrule 91.1(3) as follows:

91.1(3) Inspection code adopted by reference. The National Board Inspection Code ~~(2011)~~ (2013) is adopted by reference, and reinstallations, installations, alterations, and repairs after ~~October 10, 2012~~ May 20, 2015, shall comply with it.

ITEM 7. Amend subrule 91.1(4) as follows:

91.1(4) *Electric code adopted by reference.* The National Electrical Code ~~(2008)~~ (2011) is adopted by reference, and reinstallations and installations after ~~January 1, 2010~~ May 20, 2015, shall comply with it.

ITEM 8. Amend subrule 91.1(5) as follows:

91.1(5) *Piping codes adopted by reference.* The Power Piping Code, ASME B31.1 ~~(2007)~~, ASME B31.1a ~~(2008)~~, and ASME B31.1b ~~(2009)~~ (2014), and the Building Services Piping Code, ASME B31.9 ~~(2008)~~ (2014), are adopted by reference, and reinstallations and installations after ~~April 14, 2010~~ May 20, 2015, shall comply with them up to and including the first valve.

ITEM 9. Amend subrules 91.1(7) to 91.1(11) as follows:

91.1(7) *Mechanical code adopted by reference.* Excluding Section 701.1, Chapters 2 and 7 of the International Mechanical Code (IMC) ~~(2009)~~ (2012) are adopted by reference ~~effective January 1, 2010~~, and reinstallations and installations after May 20, 2015, shall comply with them.

91.1(8) *Oil burning equipment code adopted by reference.* National Fire Protection Association Standard for the Installation of Oil Burning Equipment, NFPA 31 (2011), is adopted by reference, and installations and reinstallations after October 10, 2012, shall comply with it.

91.1(9) *Fuel gas code adopted by reference.* National Fire Protection Association National Fuel Gas Code, NFPA 54 ~~(2009)~~ (2012), is adopted by reference, and installations and reinstallations after May 20, 2015, shall comply with it.

91.1(10) *Liquefied petroleum gas code adopted by reference.* National Fire Protection Association Liquefied Petroleum Gas Code, NFPA 58 (2011), is adopted by reference, and installations and reinstallations after October 10, 2012, shall comply with it.

91.1(11) *Boiler and combustion systems hazards code adopted by reference.* National Fire Protection Association Boiler and Combustion Systems Hazards Code, NFPA 85 (2011), is adopted by reference, and installations and reinstallations after October 10, 2012, shall comply with it.

ITEM 10. Rescind rule 875—91.20(89) and adopt the following **new** rule in lieu thereof:

875—91.20(89) CSD-1 reports and related documentation. Documentation required by this rule shall be kept on site and shall be available for inspection.

91.20(1) The requirements of this rule do not apply to:

- a. An object within the scope of 875—Chapter 95;
- b. An object within the scope of 875—Chapter 96;
- c. A hot water supply boiler covered by ASME Section IV, Part HLW; or
- d. A boiler with a fuel input rating greater than or equal to 12,500,000 Btu per hour, falling within the scope of NFPA 85, Boiler and Combustion Systems Hazards Code.

91.20(2) The installer shall complete a Manufacturer's/Installing Contractor's Report for ASME CSD-1 (CSD-1 report) for each newly installed or reinstalled object.

91.20(3) A person who installs a new burner, new gas train, or new controller on an object shall complete a CSD-1 report.

91.20(4) A person who replaces a part or component of an object shall complete the relevant portions of the CSD-1 report unless the replacement satisfies the design specifications. A copy of an invoice containing the same information as the relevant portions of the CSD-1 report is an acceptable alternative.

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EDITOR'S NOTE: For replacement pages for IAC, see IAC Supplement 4/15/15.